

## Formteile aus Polyacetal mit direkt angeformten Funktionselementen aus thermoplastischen Elastomeren

Publication number: JP2001518403 (T)

Also published as:

Publication date: 2001-10-16

DE19743134 (A1)

Inventor(s):

US6296797 (B1)

Applicant(s):

TW386935 (B)

Classification:

EP1019235 (A1)

- international: **B29C45/26; B29C45/16; B60R13/04; B29K59/00; B29C45/26; B29C45/16; B60R13/04; (IPC1-7): B29C45/16; B29C45/26; B29K59/00**

EP1019235 (B1)

- European: B29C45/16L; B60R13/04

[more >>](#)

Application number: JP20000513720T 19980928

Priority number(s): DE19971043134 19970930; WO1998EP06152 19980928

Abstract not available for JP 2001518403 (T)

Abstract of corresponding document: **DE 19743134 (A1)**

The invention relates to a method for producing a composite body from a polyacetal (component a) with function elements which are directly moulded and comprised of one or more thermoplastic elastomers (component b). According to the invention, components a and b have varying hardnesses. In a first step, the material with the greater hardness (component a) is preinjected into a mold. Afterwards, said material is either cooled, removed and then placed in another larger cavity or is partially molded, whereby the material remains in a part of the mold. The material is then moved to a larger cavity or is not removed, whereby, in a second step, the molded part comprised of component a is bonded to component b by injecting the material with the lower hardness (component b) and is then removed as a composite body from the same tool, said tool being enlarged by a moving device.

---

Data supplied from the **esp@cenet** database — Worldwide